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SEQUENCE LISTING

<110> Antisense Pharma GmbH

<120> PHARMACEUTICAL COMPOSITION

<130> 042613wo CS/FM

<140> PCT/EP2004/053604

<141> 2004-12-20

<160> 221

<170> PatentIn Ver. 2.1

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<210> 119
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:human VEGF
antisense oligonucleotide

<400> 119
cacatctgca agtac 15

<210> 120
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:human VEGF
 antisense oligonucleotide

<400> 120
 gtcacatctg caag 14

<210> 121
 <211> 14
 <212> DNA
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<220>
 <223> Description of Artificial Sequence:human VEGF
 antisense oligonucleotide

<400> 121
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<210> 122
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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:human VEGF
 antisense oligonucleotide

<400> 122
 ggcttgtcac atctgc 16

<210> 123
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<220>
 <223> Description of Artificial Sequence:human VEGF
 antisense oligonucleotide

<400> 123
 ctgggttgt cacatc 16

<210> 124
 <211> 14
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:human VEGF
 antisense oligonucleotide

<400> 124

ctccttcctc ctgc 14

<210> 125
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:human VEGF
antisense oligonucleotide

<400> 125
gcttgaagat gtacctcg 18

<210> 126
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:human VEGF
antisense oligonucleotide

<400> 126
cgttgctctc cgacg 15

<210> 127
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 127
gtaaaactgg atcatctc 18

<210> 128
<211> 18
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<220>
<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 128
cttcttttgc aagtctgt 18

<210> 129
<211> 18
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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 129

tgagctgtgc atgccttc

18

<210> 130

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 130

agtcaggagg accag

15

<210> 131

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 131

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15

<210> 132

<211> 15

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 132

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15

<210> 133

<211> 17

<212> DNA

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<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 133
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<210> 134
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<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 134
aaagtcttca ctctgc 16

<210> 135
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 135
aacaagttgt ccagctg 17

<210> 136
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 136
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<210> 137
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<220>
<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 137
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<210> 138
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<212> DNA
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 <223> Description of Artificial Sequence:human IL-10
 antisense oligonucleotide

 <400> 138
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 <210> 139
 <211> 18
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 <223> Description of Artificial Sequence:human IL-10
 antisense oligonucleotide

 <400> 139
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 <210> 140
 <211> 18
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 <220>
 <223> Description of Artificial Sequence:human IL-10
 antisense oligonucleotide

 <400> 140
 aagatgtcaa actcactc 18

 <210> 141
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 <212> DNA
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 antisense oligonucleotide

 <400> 141
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 <210> 142
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 antisense oligonucleotide

<400> 142
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<210> 143
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 143
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<210> 144
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<220>
<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 144
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<210> 145
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<220>
<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 145
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<210> 146
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:human IL-10
antisense oligonucleotide

<400> 146
tctttctaaa tcgttcac 18

<210> 147

<211> 2745
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:antisense mRNA
of human TGF-beta 1

<400> 147
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aggctggtct caaatgcctg gattcaagta tcctcccacc tctgcctccc aaaagtgcta 180
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ccccggccgg ggccctcgct gtctggctgc tccgcggagg gaggt 2745

<210> 148

<211> 1695
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:antisense mRNA
of human TGF-beta 2

<400> 148

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gttgttgttt gtttttgatg cgaaactttt gcaaacaatc tagtcaatgc ccaacagaaa 1680
aacgtatcct gcttg 1695
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<210> 149
<211> 2529
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:antisense mRNA
of human TGF-beta 3

<400> 149

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cgaatgcctc acatgtttgtc gcacctgctt ccaggaacac caaatgaaca caggggtctt 180
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gcgttcagca tatccaaaag gcccaataca gttgatgggc caggaactgc atgacctgga 420
ttttctccct gtagtgaccc acgatgttaa ttgatgtaga ggacagtttg caaaagtaat 480
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agatttgccc ttaatcccag acagtatgag atacaattct gggactttgt cttcgtaacc 540
tgtctttaaa aaaaaaaaaa aatgcttgcc ttgtataaca taatccagat tccctagagc 600
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acgaagaagc ggactgtgtg ccttgtagcg ctgggattct tgtccatgtg tctaaacagg 2520
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<210> 150

<211> 1259

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:antisense mRNA
of human IL-10

<400> 150

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gaacagctgt tctgtccgca gaggcctca gctgtgggtt ctcattcgcg tgttcctagg 1200
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<210> 151

<211> 1765

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:antisense mRNA
of human Prostaglandin E2 Synthase

<400> 151

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gcaccaccgc cgcagccggg tccatgttcg ctccgcgggc gccgcgggcg ggcgcgcgaa 1620
acgaagacgc cgaggcacgc gcggcgttta aagggccagg actctggcgc ccgcggggtt 1680
ggccgggggtg agggcgacgc taagggaacc ctacgcgtc tcgggactgg gcgtgtgccc 1740
ggcgcccaag ttcgaaacgc ccgcc

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<210> 152

<211> 990

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:antisense mRNA
of human VEGF

<400> 152

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cagtgtgctg gcgggccgcg tgtgtctaca ggaatcccag aaataaaaact ctctaattctt 60
ccgggctcgg tgatttagca gcaagaaaaa taaaatggcg aatccaattc caagagggac 120
cgtgctgggt caccgcgccg ggaatgcttc cgccggagtc tcgccctccg gacccaaagt 180
gctctgcgca gagtctctc ttccttcatt tcaggtttct ggattaagga ctgttctgtc 240
gatggtgatg gtgtggtggc ggcagcgtgg tttctgtatc gatcgttctg tatcagtctt 300
tcctggtgag agatctggtt cccgaaaccc tgaggggaggc tccttcctcc tgcccggctc 360
accgcctcgg cttgtcacat ctgcaagtac gttcgtttaa ctcaagctgc ctgccttgc 420
aacgcgagtc tgtgtttttg caggaacatt tacacgtctg cggatcttgt acaaacaaat 480
gctttctccg ctctgagcaa ggcccacagg gattttcttg tcttgctcta tctttctttg 540
gtctgcattc acatttggtg tgctgtagga agctcatctc tcctatgtgc tggccttggg 600
gaggtttgat ccgcataatc tgcattggtg tgttggaact ctcagtgggc acacactcca 660
ggccctcgtc attgcagcag ccccgcatc gcatcagggg cacacaggat ggcttgaaga 720
tgtactcgat ctcatcaggg tactcctgga agatgtccac cagggtctcg attggatggc 780
agtagctgcg ctgatagaca tccatgaact tcaccacttc gtgatgattc tgccctcctc 840
cttctgccat ggggtgcagc tgggaccact tggcatggtg gaggtagagc agcaaggcga 900
ggctccaatg cacccaagac agcagaaagt tcatggtttc ggaggcccga ccggggcccg 960
gccggctcgc gccggggccg cagcacactg 990
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<210> 153

<211> 390

<212> PRT

<213> Homo sapiens

<400> 153

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Met Pro Pro Ser Gly Leu Arg Leu Leu Leu Leu Leu Leu Pro Leu Leu
 1          5          10          15

Trp Leu Leu Val Leu Thr Pro Gly Arg Pro Ala Ala Gly Leu Ser Thr
 20          25          30

Cys Lys Thr Ile Asp Met Glu Leu Val Lys Arg Lys Arg Ile Glu Ala
 35          40          45

Ile Arg Gly Gln Ile Leu Ser Lys Leu Arg Leu Ala Ser Pro Pro Ser
 50          55          60

Gln Gly Glu Val Pro Pro Gly Pro Leu Pro Glu Ala Val Leu Ala Leu
 65          70          75          80

Tyr Asn Ser Thr Arg Asp Arg Val Ala Gly Glu Ser Ala Glu Pro Glu
 85          90          95

Pro Glu Pro Glu Ala Asp Tyr Tyr Ala Lys Glu Val Thr Arg Val Leu
100          105          110

Met Val Glu Thr His Asn Glu Ile Tyr Asp Lys Phe Lys Gln Ser Thr
115          120          125

His Ser Ile Tyr Met Phe Phe Asn Thr Ser Glu Leu Arg Glu Ala Val
130          135          140
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Pro Glu Pro Val Leu Leu Ser Arg Ala Glu Leu Arg Leu Leu Arg Leu
 145 150 155 160
 Lys Leu Lys Val Glu Gln His Val Glu Leu Tyr Gln Lys Tyr Ser Asn
 165 170 175
 Asn Ser Trp Arg Tyr Leu Ser Asn Arg Leu Leu Ala Pro Ser Asp Ser
 180 185 190
 Pro Glu Trp Leu Ser Phe Asp Val Thr Gly Val Val Arg Gln Trp Leu
 195 200 205
 Ser Arg Gly Gly Glu Ile Glu Gly Phe Arg Leu Ser Ala His Cys Ser
 210 215 220
 Cys Asp Ser Arg Asp Asn Thr Leu Gln Val Asp Ile Asn Gly Phe Thr
 225 230 235 240
 Thr Gly Arg Arg Gly Asp Leu Ala Thr Ile His Gly Met Asn Arg Pro
 245 250 255
 Phe Leu Leu Leu Met Ala Thr Pro Leu Glu Arg Ala Gln His Leu Gln
 260 265 270
 Ser Ser Arg His Arg Arg Ala Leu Asp Thr Asn Tyr Cys Phe Ser Ser
 275 280 285
 Thr Glu Lys Asn Cys Cys Val Arg Gln Leu Tyr Ile Asp Phe Arg Lys
 290 295 300
 Asp Leu Gly Trp Lys Trp Ile His Glu Pro Lys Gly Tyr His Ala Asn
 305 310 315 320
 Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr Gln Tyr
 325 330 335
 Ser Lys Val Leu Ala Leu Tyr Asn Gln His Asn Pro Gly Ala Ser Ala
 340 345 350
 Ala Pro Cys Cys Val Pro Gln Ala Leu Glu Pro Leu Pro Ile Val Tyr
 355 360 365
 Tyr Val Gly Arg Lys Pro Lys Val Glu Gln Leu Ser Asn Met Ile Val
 370 375 380
 Arg Ser Cys Lys Cys Ser
 385 390

<210> 154
 <211> 20
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:peptide
 fragments of human TGF-beta 1

<400> 154
Ala Leu Asp Thr Asn Tyr Cys Phe Ser Ser Thr Glu Lys Asn Cys Cys
1 5 10 15

Val Arg Gln Leu
20

<210> 155
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 155
Tyr Ile Asp Phe Arg Lys Asp Leu Gly Trp Lys Trp Ile His Glu Pro
1 5 10 15

Lys Gly Tyr His
20

<210> 156
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 156
Ala Asn Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr
1 5 10 15

Gln Tyr Ser Lys
20

<210> 157
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 157
Val Leu Ala Leu Tyr Asn Gln His Asn Pro Gly Ala Ser Ala Ala Pro
1 5 10 15

Cys Cys Val Pro
20

<210> 158
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 158
Gln Ala Leu Glu Pro Leu Pro Ile Val Tyr Tyr Val Gly Arg Lys Pro
1 5 10 15
Lys Val Glu Gln
20

<210> 159
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 159
Leu Ser Asn Met Ile Val Arg Ser Cys Lys Cys Ser
1 5 10

<210> 160
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 160
Thr Glu Lys Asn Cys Cys Val Arg Gln Leu Tyr Ile Asp Phe Arg Lys
1 5 10 15

Asp Leu Gly Trp
20

<210> 161
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 161
Lys Trp Ile His Glu Pro Lys Gly Tyr His Ala Asn Phe Cys Leu Gly
1 5 10 15

Pro Cys Pro Tyr
20

<210> 162
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 162
Trp Ser Leu Asp Thr Gln Tyr Ser Lys Val Leu Ala Leu Tyr Asn Gln
1 5 10 15

His Asn Pro

<210> 163
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 163
Gly Ala Ser Ala Ala Pro Cys Cys Val Pro Gln Ala Leu Glu Pro Leu
1 5 10 15

Pro Ile Val Tyr
20

<210> 164
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 164
Tyr Val Gly Arg Lys Pro Lys Val Glu Gln Leu Ser Asn Met Ile Val
1 5 10 15

Arg Ser Cys Lys Cys Ser
20

<210> 165
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 165
Gln Tyr Ser Lys Val Leu Ala Leu Tyr Asn Gln His Asn Pro Gly Ala
1 5 10 15
Ser Ala Ala Pro Cys Cys Val Pro Gln Ala Leu Glu Pro Leu Pro Ile
20 25 30
Val Tyr Tyr Val Gly Arg Lys Pro
35 40

<210> 166
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<220>
<221> DISULFID
<222> (21)
<223> intermolecular disulfide bridge with SEQ ID No.
219

<400> 166
Gln Tyr Ser Lys Val Leu Ala Leu Tyr Asn Gln His Asn Pro Gly Ala
1 5 10 15
Ser Ala Ala Pro Cys Cys Val Pro Gln Ala Leu Glu Pro Leu Pro Ile
20 25 30
Val Tyr Tyr Val Gly Arg Lys Pro
35 40

<210> 167
<211> 112
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 167
Ala Leu Asp Thr Asn Tyr Cys Phe Ser Ser Thr Glu Lys Asn Cys Cys

1	5	10	15
Val Arg Gln Leu Tyr Ile Asp Phe Arg Lys Asp Leu Gly Trp Lys Trp			
20	25	30	
Ile His Glu Pro Lys Gly Tyr His Ala Asn Phe Cys Leu Gly Pro Cys			
35	40	45	
Pro Tyr Ile Trp Ser Leu Asp Thr Gln Tyr Ser Lys Val Leu Ala Leu			
50	55	60	
Tyr Asn Gln His Asn Pro Gly Ala Ser Ala Ala Pro Cys Cys Val Pro			
65	70	75	80
Gln Ala Leu Glu Pro Leu Pro Ile Val Tyr Tyr Val Gly Arg Lys Pro			
85	90	95	
Lys Val Glu Gln Leu Ser Asn Met Ile Val Arg Ser Cys Lys Cys Ser			
100	105	110	

<210> 168
 <211> 30
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:peptide
 fragments of human TGF-beta 1

<400> 168
Ala Leu Asp Thr Asn Tyr Cys Phe Ser Ser Thr Glu Lys Asn Cys Cys
1 5 10 15
Val Arg Gln Leu Tyr Ile Asp Phe Arg Lys Asp Leu Gly Trp
20 25 30

<210> 169
 <211> 30
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:peptide
 fragments of human TGF-beta 1

<400> 169
Lys Trp Ile His Glu Pro Lys Gly Tyr His Ala Asn Phe Cys Leu Gly
1 5 10 15
Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr Gln Tyr Ser Lys
20 25 30

<210> 170
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 170
Val Leu Ala Leu Tyr Asn Gln His Asn Pro Gly Ala Ser Ala Ala Pro
1 5 10 15
Cys Cys Val Pro Gln Ala Leu Glu Pro Leu Pro Ile Val Tyr
20 25 30

<210> 171
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 171
Tyr Val Gly Arg Lys Pro Lys Val Glu Gln Leu Ser Asn Met Ile Val
1 5 10 15
Arg Ser Cys Lys Cys Ser
20

<210> 172
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 172
Cys Val Arg Gln Leu Tyr Ile Asp Phe Arg Lys Asp Leu Gly Trp Lys
1 5 10 15
Trp Ile His Glu Pro Lys Gly Tyr His Ala Asn Phe Cys Leu
20 25 30

<210> 173
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide

fragments of human TGF-beta 1

<400> 173

Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr Gln Tyr Ser Lys Val
1 5 10 15

Leu Ala Leu Tyr Asn Gln His Asn Pro Gly Ala Ser Ala Ala
20 25 30

<210> 174

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<400> 174

Pro Cys Cys Val Pro Gln Ala Leu Glu Pro Leu Pro Ile Val Tyr Tyr
1 5 10 15

Val Gly Arg Lys Pro Lys Val Glu Gln Leu Ser Asn Met Ile
20 25 30

<210> 175

<211> 413

<212> PRT

<213> Homo sapiens

<400> 175

Met His Tyr Cys Val Leu Ser Ala Phe Leu Ile Leu His Leu Val Thr
1 5 10 15

Val Ala Leu Ser Leu Ser Thr Cys Ser Thr Leu Asp Met Asp Gln Phe
20 25 30

Met Arg Lys Arg Ile Glu Ala Ile Arg Gly Gln Ile Leu Ser Lys Leu
35 40 45

Lys Leu Thr Ser Pro Pro Glu Asp Tyr Pro Glu Pro Glu Glu Val Pro
50 55 60

Pro Glu Val Ile Ser Ile Tyr Asn Ser Thr Arg Asp Leu Leu Gln Glu
65 70 75 80

Lys Ala Ser Arg Arg Ala Ala Ala Cys Glu Arg Glu Arg Ser Asp Glu
85 90 95

Glu Tyr Tyr Ala Lys Glu Val Tyr Lys Ile Asp Met Pro Pro Phe Phe
100 105 110

Pro Ser Glu Asn Ala Ile Pro Pro Thr Phe Tyr Arg Pro Tyr Phe Arg
115 120 125

Ile Val Arg Phe Asp Val Ser Ala Met Glu Lys Asn Ala Ser Asn Leu

130	135	140
Val Lys Ala Glu Phe Arg	Val Phe Arg Leu Gln Asn Pro Lys Ala Arg	
145	150	155 160
Val Pro Glu Gln Arg Ile Glu Leu Tyr Gln Ile Leu Lys Ser Lys Asp		
	165	170 175
Leu Thr Ser Pro Thr Gln Arg Tyr Ile Asp Ser Lys Val Val Lys Thr		
	180	185 190
Arg Ala Glu Gly Glu Trp Leu Ser Phe Asp Val Thr Asp Ala Val His		
	195	200 205
Glu Trp Leu His His Lys Asp Arg Asn Leu Gly Phe Lys Ile Ser Leu		
	210	215 220
His Cys Pro Cys Cys Thr Phe Val Pro Ser Asn Asn Tyr Ile Ile Pro		
	225	230 235 240
Asn Lys Ser Glu Glu Leu Glu Ala Arg Phe Ala Gly Ile Asp Gly Thr		
	245	250 255
Ser Thr Tyr Thr Ser Gly Asp Gln Lys Thr Ile Lys Ser Thr Arg Lys		
	260	265 270
Lys Asn Ser Gly Lys Thr Pro His Leu Leu Leu Met Leu Leu Pro Ser		
	275	280 285
Tyr Arg Leu Glu Ser Gln Gln Thr Asn Arg Arg Lys Arg Ala Leu Asp		
	290	295 300
Ala Ala Tyr Cys Phe Arg Asn Val Gln Asp Asn Cys Cys Leu Arg Pro		
	305	310 315 320
Leu Tyr Ile Asp Phe Lys Arg Asp Leu Gly Trp Lys Trp Ile His Glu		
	325	330 335
Pro Lys Gly Tyr Asn Ala Asn Phe Cys Ala Gly Ala Cys Pro Tyr Leu		
	340	345 350
Trp Ser Ser Asp Thr Gln His Ser Arg Val Leu Ser Leu Tyr Asn Thr		
	355	360 365
Ile Asn Pro Glu Ala Ser Ala Ser Pro Cys Cys Val Ser Gln Asp Leu		
	370	375 380
Glu Pro Leu Thr Ile Leu Tyr Tyr Ile Gly Lys Thr Pro Lys Ile Glu		
	385	390 395 400
Gln Leu Ser Asn Met Ile Val Lys Ser Cys Lys Cys Ser		
	405	410

<210> 176

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 176

Ala Leu Asp Ala Ala Tyr Cys Phe Arg Asn Val Gln Asp Asn Cys Cys
1 5 10 15

Leu Arg Pro Leu
20

<210> 177

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 177

Tyr Ile Asp Phe Lys Arg Asp Leu Gly Trp Lys Trp Ile His Glu Pro
1 5 10 15

Lys Gly Tyr Asn
20

<210> 178

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 178

Ala Asn Phe Cys Ala Gly Ala Cys Pro Tyr Leu Trp Ser Ser Asp Thr
1 5 10 15

Gln His Ser Arg
20

<210> 179

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 179

Val Leu Ser Leu Tyr Asn Thr Ile Asn Pro Glu Ala Ser Ala Ser Pro

1	5	10	15
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Cys Cys Val Ser
20

<210> 180
 <211> 20
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:peptide
 fragments of human TGF-beta 2

<400> 180
 Gln Asp Leu Glu Pro Leu Thr Ile Leu Tyr Tyr Ile Gly Lys Thr Pro
 1 5 10 15

Lys Ile Glu Gln
20

<210> 181
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:peptide
 fragments of human TGF-beta 2

<400> 181
 Leu Ser Asn Met Ile Val Lys Ser Cys Lys Cys Ser
 1 5 10

<210> 182
 <211> 20
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:peptide
 fragments of human TGF-beta 2

<400> 182
 Val Gln Asp Asn Cys Cys Leu Arg Pro Leu Tyr Ile Asp Phe Lys Arg
 1 5 10 15

Asp Leu Gly Trp
20

<210> 183
 <211> 20
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 183

Lys Trp Ile His Glu Pro Lys Gly Tyr Asn Ala Asn Phe Cys Ala Gly
1 5 10 15

Ala Cys Pro Tyr
20

<210> 184

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 184

Leu Trp Ser Ser Asp Thr Gln His Ser Arg Val Leu Ser Leu Tyr Asn
1 5 10 15

Thr Ile Asn Pro
20

<210> 185

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 185

Glu Ala Ser Ala Ser Pro Cys Cys Val Ser Gln Asp Leu Glu Pro Leu
1 5 10 15

Thr Ile Leu Tyr
20

<210> 186

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 186

Tyr Ile Gly Lys Thr Pro Lys Ile Glu Gln Leu Ser Asn Met Ile Val

1	5	10	15
---	---	----	----

Lys Ser Cys Lys Cys Ser
20

<210> 187
 <211> 41
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:peptide
 fragments of human TGF-beta 2

<400> 187
 Gln His Ser Arg Val Leu Ser Leu Tyr Asn Thr Ile Asn Pro Glu Ala
 1 5 10 15
 Ser Ala Ser Pro Cys Cys Val Ser Gln Asp Leu Glu Pro Leu Thr Ile
 20 25 30
 Leu Tyr Tyr Ile Gly Lys Thr Pro Lys
 35 40

<210> 188
 <211> 41
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:peptide
 fragments of human TGF-beta 2

<220>
 <221> DISULFID
 <222> (21)
 <223> intermolecular disulfide bridge with SEQ ID No.
 220

<400> 188
 Gln His Ser Arg Val Leu Ser Leu Tyr Asn Thr Ile Asn Pro Glu Ala
 1 5 10 15
 Ser Ala Ser Pro Cys Cys Val Ser Gln Asp Leu Glu Pro Leu Thr Ile
 20 25 30
 Leu Tyr Tyr Ile Gly Lys Thr Pro Lys
 35 40

<210> 189
 <211> 112
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 189

Ala	Leu	Asp	Ala	Ala	Tyr	Cys	Phe	Arg	Asn	Val	Gln	Asp	Asn	Cys	Cys
1				5					10					15	
Leu	Arg	Pro	Leu	Tyr	Ile	Asp	Phe	Lys	Arg	Asp	Leu	Gly	Trp	Lys	Trp
			20					25					30		
Ile	His	Glu	Pro	Lys	Gly	Tyr	Asn	Ala	Asn	Phe	Cys	Ala	Gly	Ala	Cys
		35					40					45			
Pro	Tyr	Leu	Trp	Ser	Ser	Asp	Thr	Gln	His	Ser	Arg	Val	Leu	Ser	Leu
	50					55					60				
Tyr	Asn	Thr	Ile	Asn	Pro	Glu	Ala	Ser	Ala	Ser	Pro	Cys	Cys	Val	Ser
65					70					75					80
Gln	Asp	Leu	Glu	Pro	Leu	Thr	Ile	Leu	Tyr	Tyr	Ile	Gly	Lys	Thr	Pro
				85					90					95	
Lys	Ile	Glu	Gln	Leu	Ser	Asn	Met	Ile	Val	Lys	Ser	Cys	Lys	Cys	Ser
			100					105					110		

<210> 190

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 190

Ala	Leu	Asp	Ala	Ala	Tyr	Cys	Phe	Arg	Asn	Val	Gln	Asp	Asn	Cys	Cys
1				5					10					15	
Leu	Arg	Pro	Leu	Tyr	Ile	Asp	Phe	Lys	Arg	Asp	Leu	Gly	Trp		
			20					25					30		

<210> 191

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 191

Lys	Trp	Ile	His	Glu	Pro	Lys	Gly	Tyr	Asn	Ala	Asn	Phe	Cys	Ala	Gly
1				5					10					15	

Ala Cys Pro Tyr Leu Trp Ser Ser Asp Thr Gln His Ser Arg
20 25 30

<210> 192
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 192
Val Leu Ser Leu Tyr Asn Thr Ile Asn Pro Glu Ala Ser Ala Ser Pro
1 5 10 15

Cys Cys Val Ser Gln Asp Leu Glu Pro Leu Thr Ile Leu Tyr
20 25 30

<210> 193
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 193
Tyr Ile Gly Lys Thr Pro Lys Ile Glu Gln Leu Ser Asn Met Ile Val
1 5 10 15

Lys Ser Cys Lys Cys Ser
20

<210> 194
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 194
Cys Leu Arg Pro Leu Tyr Ile Asp Phe Lys Arg Asp Leu Gly Trp Lys
1 5 10 15

Trp Ile His Glu Pro Lys Gly Tyr Asn Ala Asn Phe Cys Ala
20 25 30

<210> 195
<211> 30

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 195
Gly Ala Cys Pro Tyr Leu Trp Ser Ser Asp Thr Gln His Ser Arg Val
1 5 10 15
Leu Ser Leu Tyr Asn Thr Ile Asn Pro Glu Ala Ser Ala Ser
20 25 30

<210> 196
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 196
Pro Cys Cys Val Ser Gln Asp Leu Glu Pro Leu Thr Ile Leu Tyr Tyr
1 5 10 15
Ile Gly Lys Thr Pro Lys Ile Glu Gln Leu Ser Asn Met Ile
20 25 30

<210> 197
<211> 412
<212> PRT
<213> Homo sapiens

<400> 197
Met Lys Met His Leu Gln Arg Ala Leu Val Val Leu Ala Leu Leu Asn
1 5 10 15
Phe Ala Thr Val Ser Leu Ser Leu Ser Thr Cys Thr Thr Leu Asp Phe
20 25 30
Gly His Ile Lys Lys Lys Arg Val Glu Ala Ile Arg Gly Gln Ile Leu
35 40 45
Ser Lys Leu Arg Leu Thr Ser Pro Pro Glu Pro Thr Val Met Thr His
50 55 60
Val Pro Tyr Gln Val Leu Ala Leu Tyr Asn Ser Thr Arg Glu Leu Leu
65 70 75 80
Glu Glu Met His Gly Glu Arg Glu Glu Gly Cys Thr Gln Glu Asn Thr
85 90 95
Glu Ser Glu Tyr Tyr Ala Lys Glu Ile His Lys Phe Asp Met Ile Gln
100 105 110

Gly Leu Ala Glu His Asn Glu Leu Ala Val Cys Pro Lys Gly Ile Thr
 115 120 125
 Ser Lys Val Phe Arg Phe Asn Val Ser Ser Val Glu Lys Asn Arg Thr
 130 135 140
 Asn Leu Phe Arg Ala Glu Phe Arg Val Leu Arg Val Pro Asn Pro Ser
 145 150 155 160
 Ser Lys Arg Asn Glu Gln Arg Ile Glu Leu Phe Gln Ile Leu Arg Pro
 165 170 175
 Asp Glu His Ile Ala Lys Gln Arg Tyr Ile Gly Gly Lys Asn Leu Pro
 180 185 190
 Thr Arg Gly Thr Ala Glu Trp Leu Ser Phe Asp Val Thr Asp Thr Val
 195 200 205
 Arg Glu Trp Leu Leu Arg Arg Glu Ser Asn Leu Gly Leu Glu Ile Ser
 210 215 220
 Ile His Cys Pro Cys His Thr Phe Gln Pro Asn Gly Asp Ile Leu Glu
 225 230 235 240
 Asn Ile His Glu Val Met Glu Ile Lys Phe Lys Gly Val Asp Asn Glu
 245 250 255
 Asp Asp His Gly Arg Gly Asp Leu Gly Arg Leu Lys Lys Gln Lys Asp
 260 265 270
 His His Asn Pro His Leu Ile Leu Met Met Ile Pro Pro His Arg Leu
 275 280 285
 Asp Asn Pro Gly Gln Gly Gly Gln Arg Lys Lys Arg Ala Leu Asp Ala
 290 295 300
 Ala Tyr Cys Phe Arg Asn Val Gln Asp Asn Cys Cys Leu Arg Pro Leu
 305 310 315 320
 Tyr Ile Asp Phe Lys Arg Asp Leu Gly Trp Lys Trp Ile His Glu Pro
 325 330 335
 Lys Gly Tyr Asn Ala Asn Phe Cys Ala Gly Ala Cys Pro Tyr Leu Trp
 340 345 350
 Ser Ser Asp Thr Gln His Ser Arg Val Leu Ser Leu Tyr Asn Thr Ile
 355 360 365
 Asn Pro Glu Ala Ser Ala Ser Pro Cys Cys Val Ser Gln Asp Leu Glu
 370 375 380
 Pro Leu Thr Ile Leu Tyr Tyr Ile Gly Lys Thr Pro Lys Ile Glu Gln
 385 390 395 400
 Leu Ser Asn Met Ile Val Lys Ser Cys Lys Cys Ser
 405 410

<210> 198
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 198
Ala Leu Asp Thr Asn Tyr Cys Phe Arg Asn Leu Glu Glu Asn Cys Cys
1 5 10 15
Val Arg Pro Leu
20

<210> 199
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 199
Tyr Ile Asp Phe Arg Gln Asp Leu Gly Trp Lys Trp Val His Glu Pro
1 5 10 15
Lys Gly Tyr Tyr
20

<210> 200
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 200
Ala Asn Phe Cys Ser Gly Pro Cys Pro Tyr Leu Arg Ser Ala Asp Thr
1 5 10 15
Thr His Ser Thr
20

<210> 201
<211> 20
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 201

Val	Leu	Gly	Leu	Tyr	Asn	Thr	Leu	Asn	Pro	Glu	Ala	Ser	Ala	Ser	Pro
1				5					10					15	

Cys	Cys	Val	Pro
			20

<210> 202

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 202

Gln	Asp	Leu	Glu	Pro	Leu	Thr	Ile	Leu	Tyr	Tyr	Val	Gly	Arg	Thr	Pro
1				5					10					15	

Lys	Val	Glu	Gln
			20

<210> 203

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 203

Leu	Ser	Asn	Met	Val	Val	Lys	Ser	Cys	Lys	Cys	Ser
1				5					10		

<210> 204

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 204

Asn	Leu	Glu	Glu	Asn	Cys	Cys	Val	Arg	Pro	Leu	Tyr	Ile	Asp	Phe	Arg
1				5					10					15	

Gln	Asp	Leu	Gly
			20

<210> 205
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 205
Trp Lys Trp Val His Glu Pro Lys Gly Tyr Tyr Ala Asn Phe Cys Ser
1 5 10 15
Gly Pro Cys Pro
20

<210> 206
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 206
Tyr Leu Arg Ser Ala Asp Thr Thr His Ser Thr Val Leu Gly Leu Tyr
1 5 10 15
Asn Thr Leu Asn
20

<210> 207
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 207
Pro Glu Ala Ser Ala Ser Pro Cys Cys Val Pro Gln Asp Leu Glu Pro
1 5 10 15
Leu Thr Ile Leu
20

<210> 208
<211> 23
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 208

Tyr Tyr Val Gly Arg Thr Pro Lys Val Glu Gln Leu Ser Asn Met Val
1 5 10 15

Val Lys Ser Cys Lys Cys Ser
20

<210> 209

<211> 41

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 209

Thr His Ser Thr Val Leu Gly Leu Tyr Asn Thr Leu Asn Pro Glu Ala
1 5 10 15

Ser Ala Ser Pro Cys Cys Val Pro Gln Asp Leu Glu Pro Leu Thr Ile
20 25 30

Leu Tyr Tyr Val Gly Arg Thr Pro Lys
35 40

<210> 210

<211> 41

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<220>

<221> DISULFID

<222> (21)

<223> intermolecular disulfide bridge to SEQ ID No. 221

<400> 210

Thr His Ser Thr Val Leu Gly Leu Tyr Asn Thr Leu Asn Pro Glu Ala
1 5 10 15

Ser Ala Ser Pro Cys Cys Val Pro Gln Asp Leu Glu Pro Leu Thr Ile
20 25 30

Leu Tyr Tyr Val Gly Arg Thr Pro Lys
35 40

<210> 211

<211> 112

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 211
Ala Leu Asp Ala Ala Tyr Cys Phe Arg Asn Val Gln Asp Asn Cys Cys
1 5 10 15
Leu Arg Pro Leu Tyr Ile Asp Phe Lys Arg Asp Leu Gly Trp Lys Trp
20 25 30
Ile His Glu Pro Lys Gly Tyr Asn Ala Asn Phe Cys Ala Gly Ala Cys
35 40 45
Pro Tyr Leu Trp Ser Ser Asp Thr Gln His Ser Arg Val Leu Ser Leu
50 55 60
Tyr Asn Thr Ile Asn Pro Glu Ala Ser Ala Ser Pro Cys Cys Val Ser
65 70 75 80
Gln Asp Leu Glu Pro Leu Thr Ile Leu Tyr Tyr Ile Gly Lys Thr Pro
85 90 95
Lys Ile Glu Gln Leu Ser Asn Met Ile Val Lys Ser Cys Lys Cys Ser
100 105 110

<210> 212
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 212
Ala Leu Asp Ala Ala Tyr Cys Phe Arg Asn Val Gln Asp Asn Cys Cys
1 5 10 15
Leu Arg Pro Leu Tyr Ile Asp Phe Lys Arg Asp Leu Gly Trp
20 25 30

<210> 213
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 213

Lys Trp Ile His Glu Pro Lys Gly Tyr Asn Ala Asn Phe Cys Ala Gly
1 5 10 15

Ala Cys Pro Tyr Leu Trp Ser Ser Asp Thr Gln His Ser Arg
20 25 30

<210> 214

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 214

Val Leu Ser Leu Tyr Asn Thr Ile Asn Pro Glu Ala Ser Ala Ser Pro
1 5 10 15

Cys Cys Val Ser Gln Asp Leu Glu Pro Leu Thr Ile Leu Tyr
20 25 30

<210> 215

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 215

Tyr Ile Gly Lys Thr Pro Lys Ile Glu Gln Leu Ser Asn Met Ile Val
1 5 10 15

Lys Ser Cys Lys Cys Ser
20

<210> 216

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 216

Cys Leu Arg Pro Leu Tyr Ile Asp Phe Lys Arg Asp Leu Gly Trp Lys
1 5 10 15

Trp Ile His Glu Pro Lys Gly Tyr Asn Ala Asn Phe Cys Ala
20 25 30

<210> 217
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 217
Gly Ala Cys Pro Tyr Leu Trp Ser Ser Asp Thr Gln His Ser Arg Val
1 5 10 15
Leu Ser Leu Tyr Asn Thr Ile Asn Pro Glu Ala Ser Ala Ser
20 25 30

<210> 218
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<400> 218
Pro Cys Cys Val Ser Gln Asp Leu Glu Pro Leu Thr Ile Leu Tyr Tyr
1 5 10 15
Ile Gly Lys Thr Pro Lys Ile Glu Gln Leu Ser Asn Met Ile
20 25 30

<210> 219
<211> 40
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 1

<220>
<221> DISULFID
<222> (21)
<223> intermolecular disulfide bridge with SEQ ID No.
166

<400> 219
Gln Tyr Ser Lys Val Leu Ala Leu Tyr Asn Gln His Asn Pro Gly Ala
1 5 10 15
Ser Ala Ala Pro Cys Cys Val Pro Gln Ala Leu Glu Pro Leu Pro Ile
20 25 30

Val Tyr Tyr Val Gly Arg Lys Pro
35 40

<210> 220
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<221> DISULFID
<222> (21)
<223> intermolecular disulfide bridge to SEQ ID No. 188

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 2

<400> 220
Gln His Ser Arg Val Leu Ser Leu Tyr Asn Thr Ile Asn Pro Glu Ala
1 5 10 15

Ser Ala Ser Pro Cys Cys Val Ser Gln Asp Leu Glu Pro Leu Thr Ile
20 25 30

Leu Tyr Tyr Ile Gly Lys Thr Pro Lys
35 40

<210> 221
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:peptide
fragments of human TGF-beta 3

<220>
<221> DISULFID
<222> (21)
<223> intermolecular disulfide bridge to SEQ ID No. 210

<400> 221
Thr His Ser Thr Val Leu Gly Leu Tyr Asn Thr Leu Asn Pro Glu Ala
1 5 10 15

Ser Ala Ser Pro Cys Cys Val Pro Gln Asp Leu Glu Pro Leu Thr Ile
20 25 30

Leu Tyr Tyr Val Gly Arg Thr Pro Lys
35 40